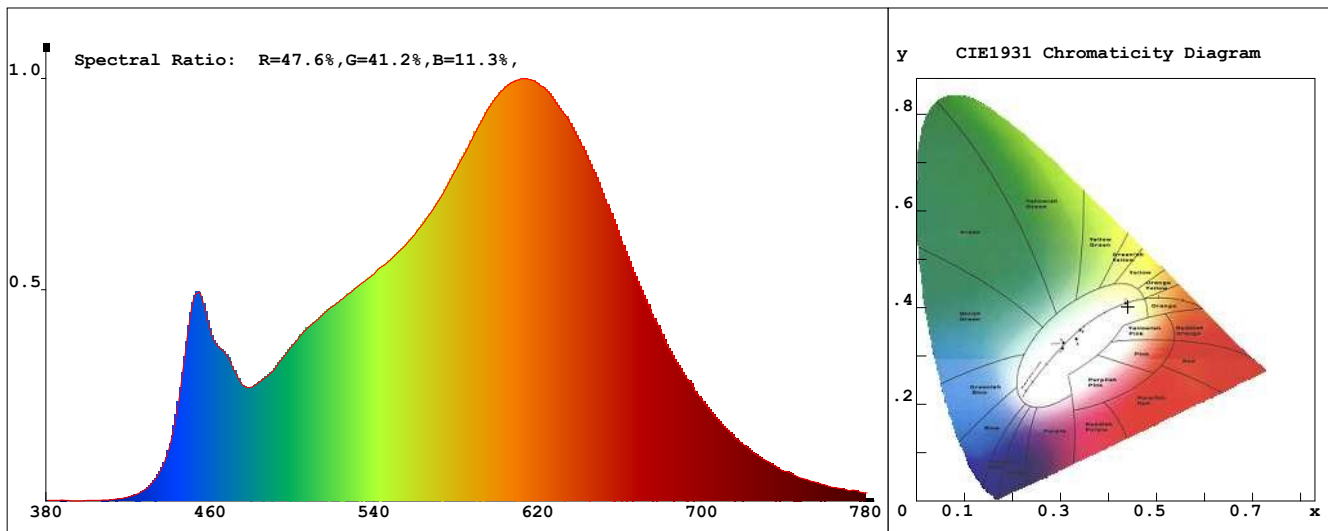


LED Test Report

Product Mark

Product Type : F52-CCT35-256824A-C90 WW Manufacturer : -
Temperature : 'C Humidity : -%
Operator : - Test Date : 2025-03-20
Remark:



Chroma Parameters

Chro.Coord.:x=0.4401 y=0.4016 u=0.2537 v=0.3472 duv=-0.0014
CCT: 2927K Dominant Wave.:583.6nm Purity:52.7% Centre Wave:599.4nm
Flux RGB Ratio:R=23.8%,G=74.1%,B=2.0% Peak Wave:613.6nm Half Width:139.8nm

Rendering Index:Ra= 90.2 CRI= 88.5

R1 =91	R2 =98	R3 =95	R4 =90	R5 =92	R6 =96	R7 =86	R8 =73
R9 =44	R10=95	R11=92	R12=83	R13=93	R14=98	R15=85	
PPF:33.372umol/s (400-700nm)			PRF: 6.9mW (400-700nm)			PAR: 6.1mW (400-700nm)	

Photo Parameters

Flux:2322.08lm Effi.:120.9lm/W Radiant:7174.6mW Iv:0.0mcd
Scotopic Flux:3297.8Plm Effi.:0.0Plm/W S/P:1.4
Efficiency:0.00 Effi Level:A++ (EU 874-2012) Photon Flux:35299.199umol/s (380-780nm)

Ele. Parameters

Forward Current:If=400.0mA Reverse Voltage:Vr=5.00V
Forward Voltage:Vf=48.03V Reverse Current:Ir=0.00uA
Power:P=19.220W

Instrument state

Instrument:Lisun LMS-8000	Integral Time: 78.582ms	VPeak: 14696
VDark: 1228	Scan Range: 380-780nm	Product ID: 201508924

IES TM-30-2015 Test Report

Product Mark

Product Type : F52-CCT35-256824A-C90 WW

Manufacturer : -

Temperature : 'C

Humidity : -%

Operator : -

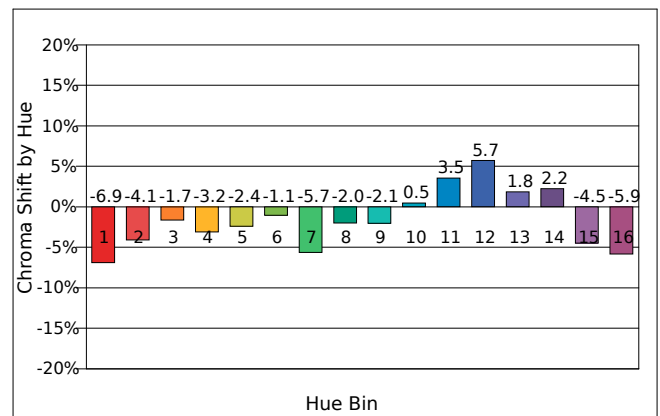
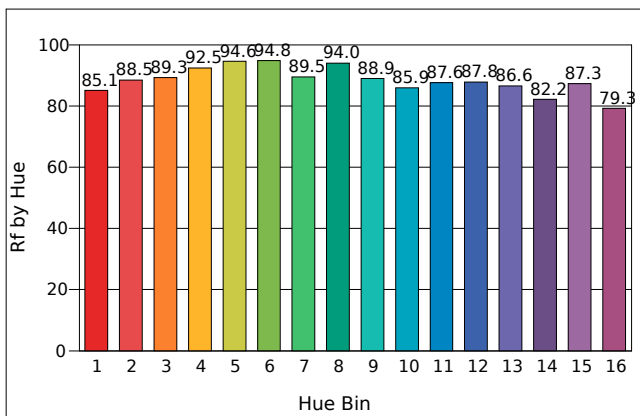
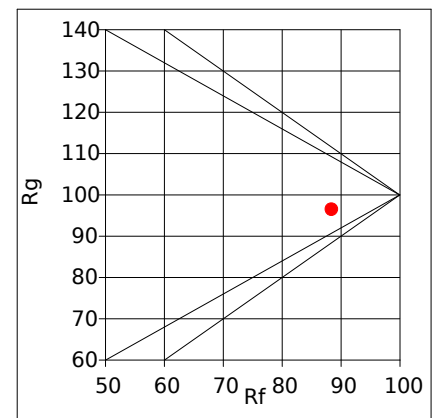
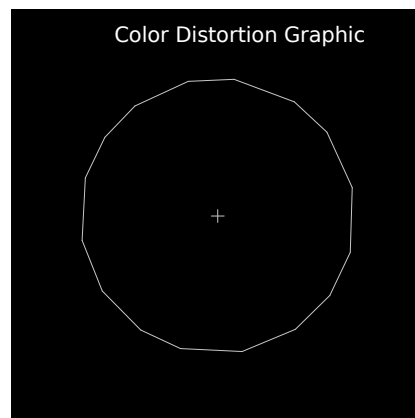
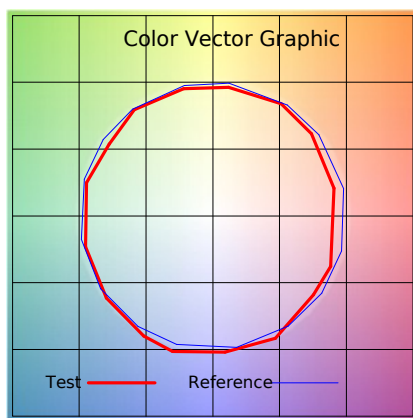
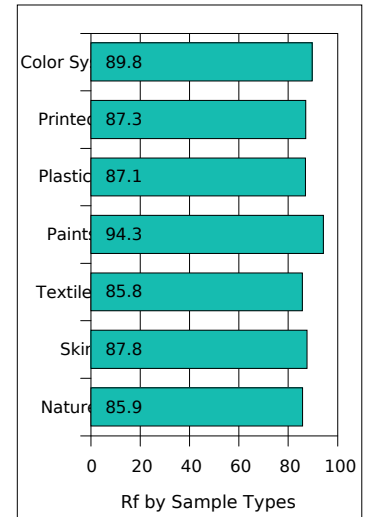
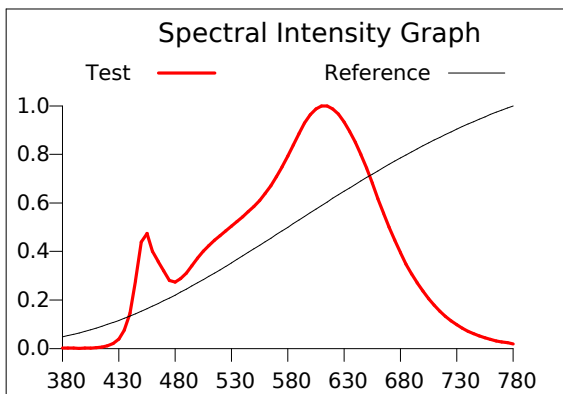
Test Date : 2025-03-20

Remark:

Rf: 88.4 CCT(K): 2927 u': 0.2537

Rg: 96.5 LER: 301.7 Duv: -0.0014 v': 0.3472

Hue Bin	Graphic Shifts (%)		
	Rf	Chroma	Hue
1	85.1	-6.9%	1.4%
2	88.5	-4.1%	3.6%
3	89.3	-1.7%	4.5%
4	92.5	-3.2%	-0.4%
5	94.6	-2.4%	0.8%
6	94.8	-1.1%	-0.6%
7	89.5	-5.7%	0.4%
8	94.0	-2.0%	2.4%
9	88.9	-2.1%	5.9%
10	85.9	0.5%	8.1%
11	87.6	3.5%	7.6%
12	87.8	5.7%	-2.0%
13	86.6	1.8%	-9.1%
14	82.2	2.2%	-13.1%
15	87.3	-4.5%	-4.4%
16	79.3	-5.9%	-12.8%



IES TM-30-2015 Test Report

Product Mark

Product Type : F52-CCT35-256824A-C90 WW

Manufacturer : -

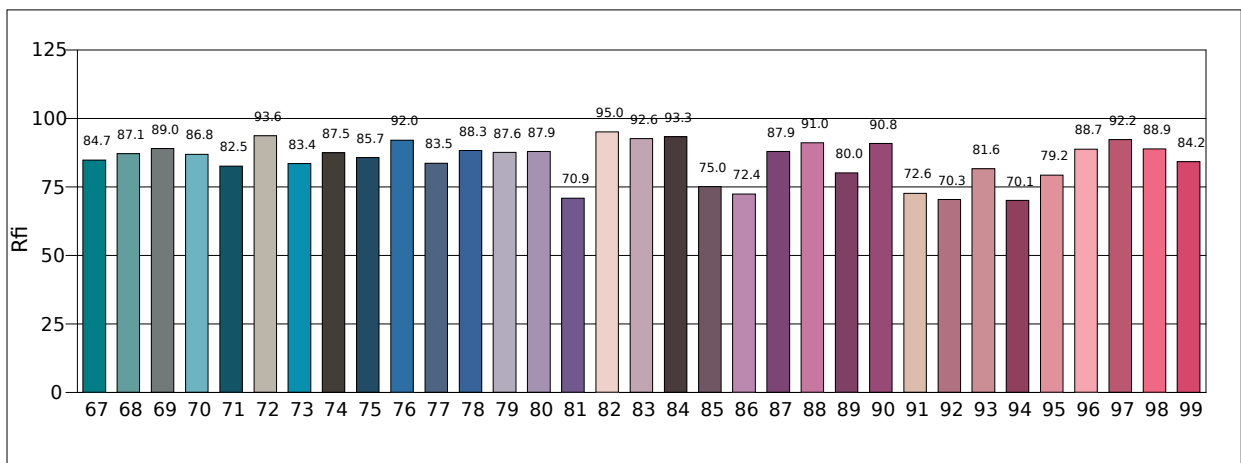
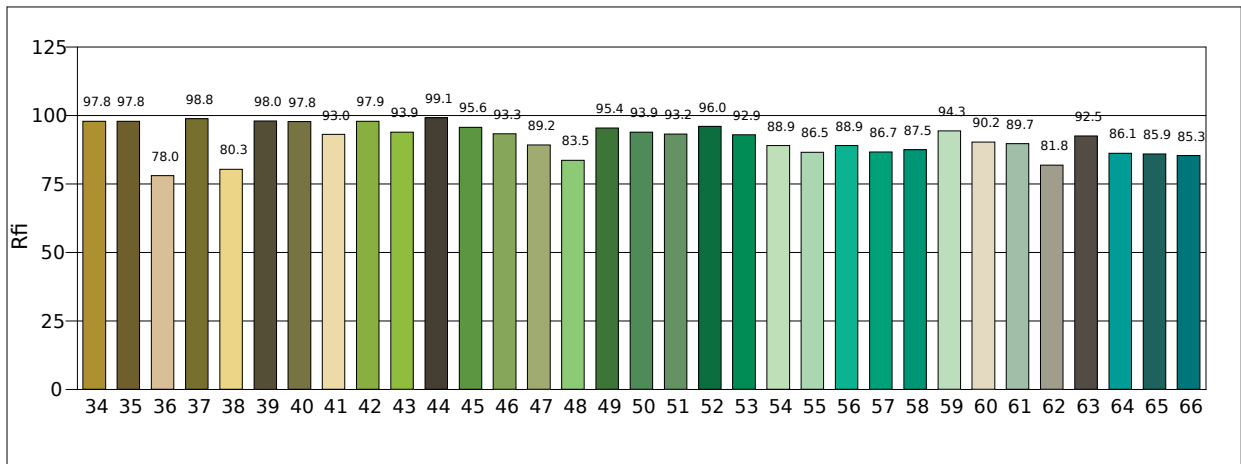
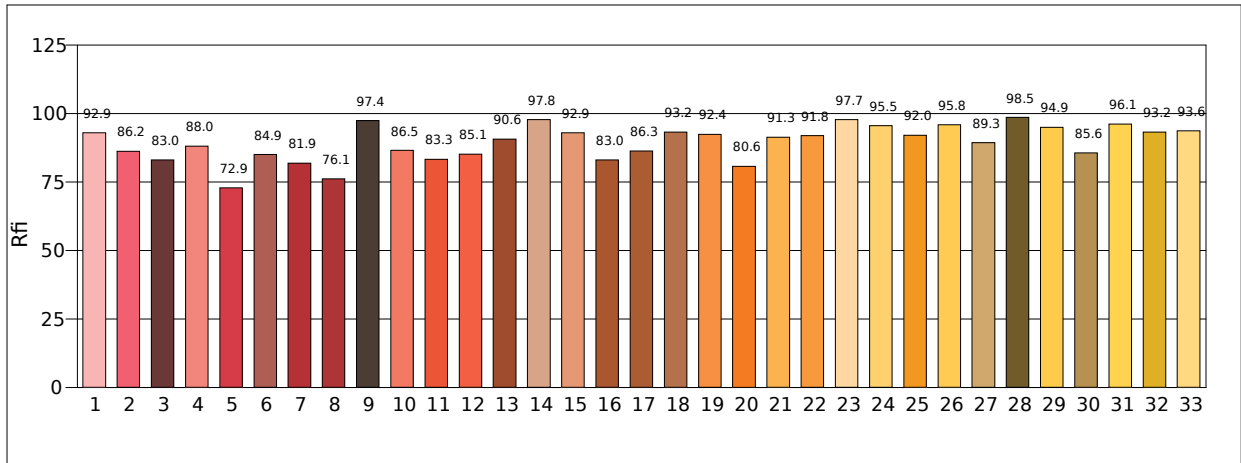
Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

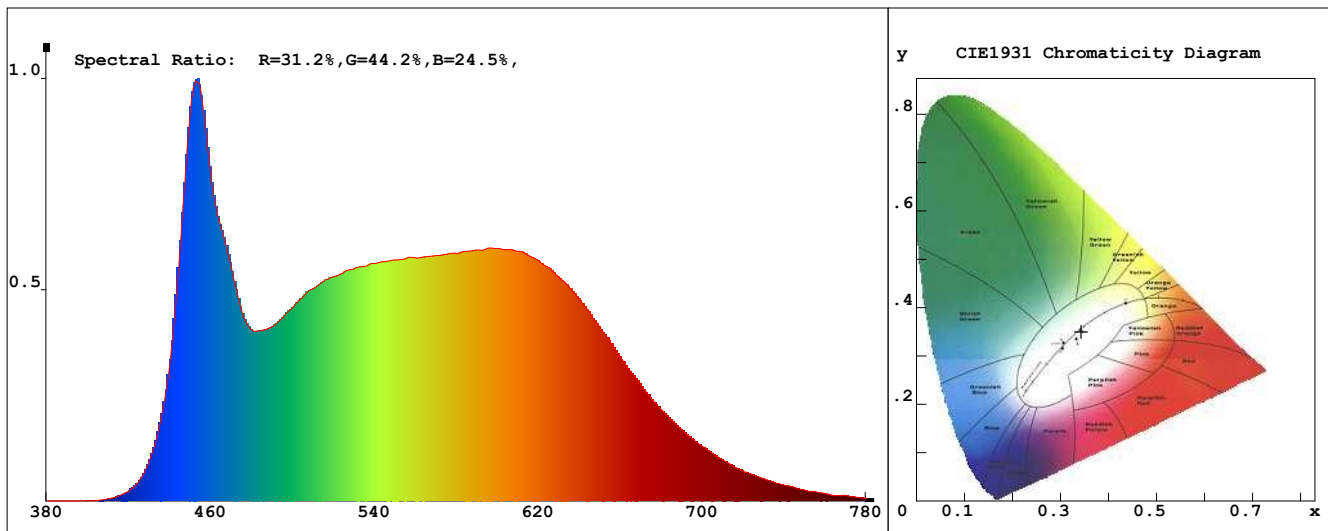
Remark :



LED Test Report

Product Mark

Product Type : F52-CCT35-256824A-C90 WC Manufacturer : -
 Temperature : 'C Humidity : -%
 Operator : - Test Date : 2025-03-20
 Remark :



Chroma Parameters

Chro.Coord.: $x=0.3428$ $y=0.3501$ $u=0.2105$ $v=0.3224$ $duv=0.0002$
 CCT: 5084K Dominant Wave.: 571.3nm Purity: 7.9% Centre Wave: 457.6nm
 Flux RGB Ratio: $R=16.5\%$, $G=79.4\%$, $B=4.1\%$ Peak Wave: 452.8nm Half Width: 29.1nm

Rendering Index: $R_a=92.7$ CRI= 90.3

R1 =93	R2 =98	R3 =98	R4 =92	R5 =93	R6 =93	R7 =91	R8 =83
R9 =60	R10=93	R11=93	R12=74	R13=95	R14=99	R15=91	
PPF: 35.922 $\mu\text{mol/s}$ (400-700nm)			PRF: 7.8mW (400-700nm)			PAR: 6.6mW (400-700nm)	

Photo Parameters

Flux: 2580.24lm Effi.: 130.4lm/W Radiant: 7996.0mW Iv: 0.0mcd
 Scotopic Flux: 5478.8Plm Effi.: 0.0Plm/W S/P: 2.1
 Efficiency: 0.00 Effi Level: A++ (EU 874-2012) Photon Flux: 37234.301 $\mu\text{mol/s}$ (380-780nm)

Ele. Parameters

Forward Current: $I_f=412.0\text{mA}$ Reverse Voltage: $V_r=5.00\text{V}$
 Forward Voltage: $V_f=48.03\text{V}$ Reverse Current: $I_r=0.00\mu\text{A}$
 Power: $P=19.830\text{W}$

Instrument state

Instrument: Lisun LMS-8000 Integral Time: 48.049ms VPeak: 13416
 VDark: 1121 Scan Range: 380-780nm Product ID: 201508924

IES TM-30-2015 Test Report

Product Mark

Product Type : F52-CCT35-256824A-C90 WC

Manufacturer : -

Temperature : 'C

Humidity : -%

Operator : -

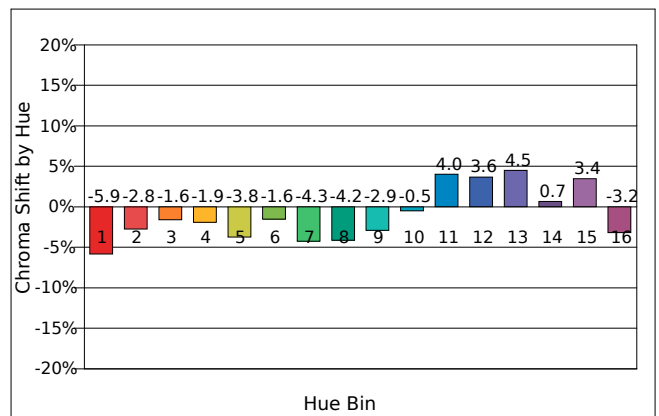
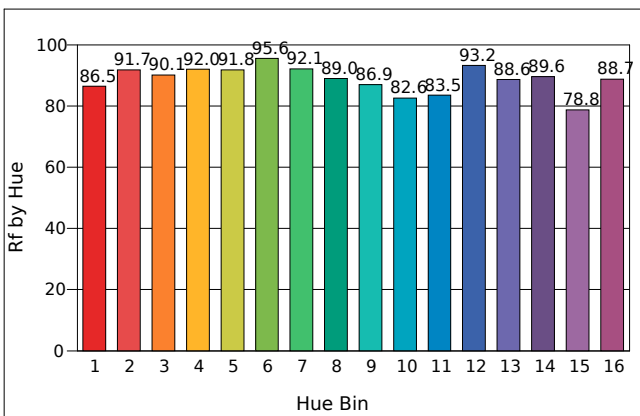
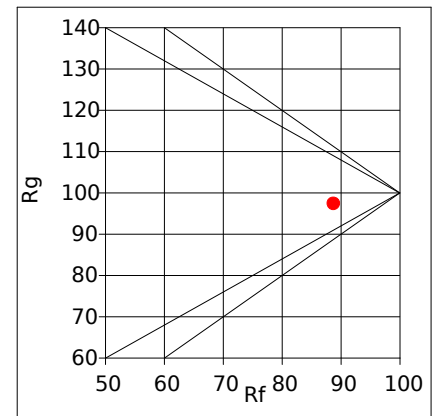
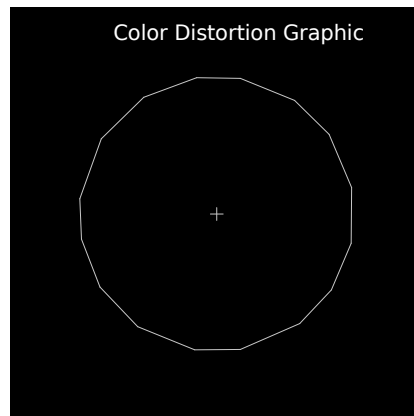
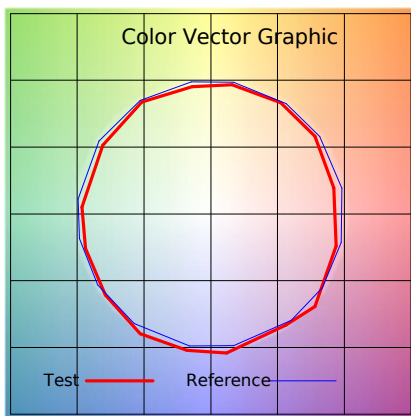
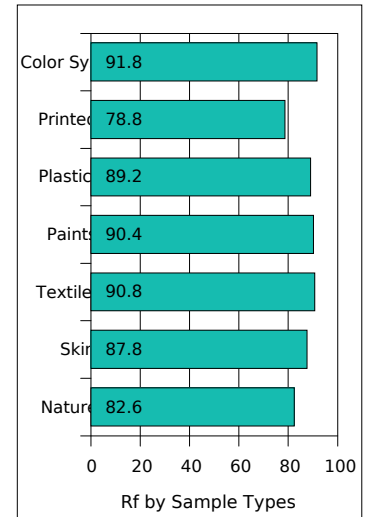
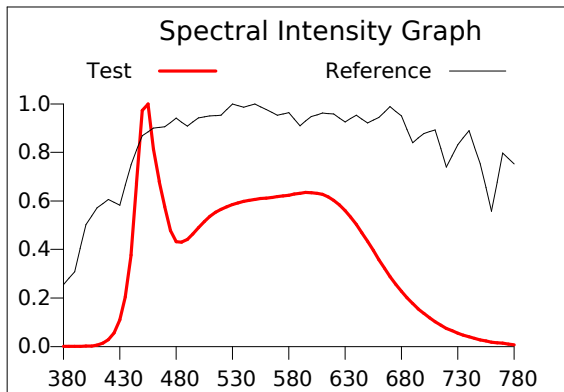
Test Date : 2025-03-20

Remark :

Rf: 88.7 CCT(K): 5084 u': 0.2105

Rg: 97.4 LER: 296.2 Duv: 0.0002 v': 0.3224

Hue Bin	Graphic Shifts (%)		
	Rf	Chroma	Hue
1	86.5	-5.9%	1.1%
2	91.7	-2.8%	2.4%
3	90.1	-1.6%	4.0%
4	92.0	-1.9%	0.6%
5	91.8	-3.8%	0.0%
6	95.6	-1.6%	-0.4%
7	92.1	-4.3%	1.1%
8	89.0	-4.2%	5.3%
9	86.9	-2.9%	8.3%
10	82.6	-0.5%	9.7%
11	83.5	4.0%	8.1%
12	93.2	3.6%	-1.1%
13	88.6	4.5%	-6.3%
14	89.6	0.7%	-5.5%
15	78.8	3.4%	-14.9%
16	88.7	-3.2%	-3.6%



IES TM-30-2015 Test Report

Product Mark

Product Type : F52-CCT35-256824A-C90 WC

Manufacturer : -

Temperature : 'C

Humidity : -%

Operator : -

Test Date : 2025-03-20

Remark :

